

SHUMAKER & SIEFFERT, P.A.
1625 RADIO DRIVE, SUITE 300
WOODBURY, MINNESOTA 55125
TEL 651.735-1100
FAX 651.735-1102
WWW.SSIPLAW.COM

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FACSIMILE SUBMISSION UNDER 37 CFR 1.8

TO:	FROM: Steven J. Shumaker
COMPANY: USPTO	DATE: 3/28/07
FAX NUMBER: 1-571-272-8300	TOTAL NO. OF PAGES INCLUDING COVER: 3
PHONE NUMBER:	SENDER'S REFERENCE NUMBER: 1034-004US01
RE: Submission of Deficiency Payment	APPLICATION SERIAL NUMBER: 10/691,166

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Christopher D. Koch; Confirmation No. 6530
Duane M. Butler; Steven
G. Knight; Bruce F.
Naegele

Serial No.: 10/691,166

Filed: October 22, 2003 Customer No.: 28863

Examiner:

Group Art Unit: 2141

Docket No.: 1034-004US01

Title: PASSIVE OPTICAL NETWORK ADDRESS ASSOCIATION RECOVERY

CERTIFICATE UNDER 37 CFR 1.8 I hereby certify that this correspondence is being transmitted via facsimile to the United States Patent and Trademark Office on March 28, 2007

By: [Signature]
Name: KAREN SORENSEN

SUBMISSION OF OF DEFICIENCY PAYMENT UNDER 37 CFR 1.28

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants hereby elect to pay large entity fees retroactively since the time of filing of this application per 37 C.F.R. 1.28. Applicants originally established small entity status and paid the small entity fees in good faith in this application. However, Applicants have elected to retroactively pay the difference between the amounts previously paid as a small entity and the current fee amounts applicable for entities other than small entities.

Adjustment date: 03/29/2007 SLUANG1
10/27/2003 SHINASS1 00000025 501778 10691166
01 FC:2001 385.00 CR
02 FC:2202 324.00 CR
03 FC:2201 215.00 CR

03/29/2007 SLUANG1 00000005 10691166
01 FC:1251 120.00 OP
02 FC:1051 130.00 DA
03 FC:1001 790.00 DA
04 FC:1201 1000.00 DA
05 FC:1202 1800.00 DA

Adjustment date: 03/29/2007 SLUANG1
04/28/2004 HALI11 00000014 10691166
01 FC:2251 -55.00 OP

Adjustment date: 03/29/2007 SLUANG1
04/28/2004 HALI11 00000013 10691166
01 FC:2051 -65.00 OP

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An itemization of the total payment follows:

Type of fee erroneously paid as a Small Entity	Date Small Entity Fee Paid	Small Entity Fee Paid	Current Large Entity Fee	Deficiency Amount Owed
Provisional Filing Fee				
Utility Filing Fee	10/22/2003	\$385.00	\$1000.00	\$615.00
Independent Claims in Excess of Three	10/22/2003	\$215.00 for 5 extra claims	\$1000.00	\$785.00
Dependent Claims in Excess of Twenty	10/22/2003	\$324.00 for 36 extra claims	\$1800.00	\$1476.00
1 Month Extension of Time	04/22/2004	\$55.00	\$120.00	\$65.00
2 Month Extension of Time				
3 Month Extension of Time				
Missing Parts Surcharge	04/22/2004	\$65.00	\$130.00	\$65.00
Issue Fee				
TOTAL DEFICIENCY OWED		\$3006.00		

Please charge Deposit Account No. 50-177 the amount of \$3006.00 to cover the deficiency amount owed.

Please apply any charges not covered, or any credits, to Deposit Account No. 50-1778.

Date:

3-28-07

SHUMAKER & SIEFFERT, P.A.
1625 Radio Drive, Suite 300
Woodbury, Minnesota 55125
Telephone: 651.735.1100
Facsimile: 651.735.1102

By:



Name: Steven J. Shumaker
Reg. No.: 36,275